Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claim 1 (Currently Amended): An external connection device for placing and connecting a hard disk, the hard disk comprising:

a storage media for storing data;

a power input port for receiving power; and

a first signal I/O port for transmitting signals;

the external connection device comprising:

a housing having at least one cover and a mesh area and forming a chamber for placing the hard disk, wherein the cover covers the chamber and is fastened to the housing utilizing a plurality of thumb screws ~~can be bare-handedly disassembled~~, and the mesh area has a plurality of meshes that allow air to pass in and out of the chamber;

at least one power terminal electrically connected to a power;

at least one signal terminal for delivering data recorded in the storage media to an electric device;

a power output port electrically connected between the power terminal and the power input port for providing electric energy to the hard disk; and

a second signal I/O port electrically connected between the first signal I/O port and the signal terminal, wherein the data recorded in the storage media can be delivered to the electric device through the second signal I/O port and the signal terminal.

Claim 2 (Currently Amended): The external connection device of claim 1 wherein the housing further comprises a plurality of screw holes for installing [[a]] the plurality

of ~~bare-handedly disassemble~~ thumb screws to fasten the cover.

Claim 3 (Original): The external connection device of claim 1 wherein the housing is made with metallic material, the housing has six surfaces, and at least two surfaces are composed of the mesh area.

Claim 4 (Original): The external connection device of claim 1 wherein the power terminal and the signal terminal respectively are a universal serial bus port (USB port), an IEEE 1394 connection port, or a serial advanced technology attachment (serial ATA) connection port.

Claim 5 (Original): The external connection device of claim 1 further comprising a power switch electrically connected to the power terminal for turning on/off the external connection device, and the power terminal is connected to a power supply for providing extra electric energy to the external connection device.

Claim 6 (Original): The external connection device of claim 1 further comprising a read-write state indicator placed in the chamber for indicating state of the hard disk, the read-write state indicator comprises at least one illuminant illuminating in accordance with the read-write state of the hard disk and at least one light guide tube for guiding and distributing light of the illuminant.

Claim 7 (Original): The external connection device of claim 1 further comprising a circuit board in which a logic circuit is formed for controlling signal transmission at the signal terminal and the second signal I/O port.

Claim 8 (Original): The external connection device of claim 7 wherein the circuit board is placed in the chamber, and the hard disk is above and overlaps the circuit board

when the hard disk is installed in the chamber.

Claim 9 (Original): The external connection device of claim 7 wherein the circuit board is placed at a flank of the chamber, and the hard disk is next to the circuit board when the hard disk is installed in the chamber.

Claim 10 (Original): The external connection device of claim 1 further comprising a fan for circulating air passing in and out of the chamber.

Claim 11 (Original): The external connection device of claim 1 further comprising a support for fixing the housing.

Claim 12 (Currently Amended: An external connection device for placing and connecting a storage device, the storage device comprising:
a storage media for storing data;
a power input port for receiving power; and
a first signal I/O port for transmitting signals;
the external connection device comprising:
a housing having at least one mesh area and forming a chamber for placing the storage device, wherein the mesh area has a plurality of meshes that allow air to pass in and out of the chamber;
a read-write state indicator placed in the chamber for indicating state of the storage media, the read-write state indicator comprises at least one illuminant illuminating in accordance with the read-write state of the storage media and at least one light guide tube for guiding and distributing light of the illuminant;
a power output port electrically connected to the power input port for providing electric energy to the storage device; and
a second signal I/O port electrically connected to the first signal I/O port, wherein

the data recorded in the storage media can be delivered to an electric device.

Claim 13 (Currently Amended): The external connection device of claim 12 wherein the housing further comprises a cover and a plurality of screw holes, the cover is fixed on the housing with a plurality of ~~bare-handedly disassemble~~ thumb screws and the cover can be ~~bare-handedly~~ disassembled from the housing without the use of tools.

Claim 14 (Original): The external connection device of claim 12 wherein the housing has six surfaces and at least two surfaces are composed of the mesh area.

Claim 15 (Original): The external connection device of claim 12 wherein the housing is made with metallic material.

Claim 16 (Original): The external connection device of claim 12 further comprising:

at least one power terminal for providing electric energy to the external connection device and making the power output port provide electric energy to the storage device; and

at least one signal terminal electrically connected between the second signal I/O port and an electric device for delivering data recorded in the storage media to the electric device.

Claim 17 (Original): The external connection device of claim 16 wherein the power terminal and the signal terminal respectively are a universal serial bus port (USB port), an IEEE 1394 connection port, or a serial advanced technology attachment (serial ATA) connection port.

Claim 18 (Original): The external connection device of claim 16 further comprising a power switch electrically connected to the power terminal for turning on/off the

external connection device, and the power terminal is connected to a power supply for providing extra electric energy to the external connection device.

Claim 19 (Cancelled)

Claim 20 (Original): The external connection device of claim 12 further comprising a circuit board in which a logic circuit is formed for controlling signal transmitting at the second signal I/O port.

Claim 21 (Currently Amended): The external connection device of claim 20 wherein the circuit board is placed in the chamber and the ~~hard disk~~ storage device is above and overlaps the circuit board when the ~~hard disk~~ storage device is installed in the chamber.